

(12) United States Patent

(54) CONVEYOR COMPRISING TWO HELICAL TRACKS CONNECTED BY A BRIDGING TRACK

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Subject to any disclaimer, the term of this Notice:

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 14/441,120

(22) PCT Filed: Nov. 8, 2013

(86) PCT No.: PCT/NL2013/050796

§ 371 (c)(1),

(2) Date: May 6, 2015

(87) PCT Pub. No.: WO2014/073961

PCT Pub. Date: May 15, 2014

(65)**Prior Publication Data**

> US 2015/0291360 A1 Oct. 15, 2015

(30)Foreign Application Priority Data

Nov. 9, 2012 (NL) 2009781

(51) Int. Cl.

B65G 21/18 (2006.01)B65G 17/06 (2006.01)

(Continued)

(52) U.S. Cl.

CPC B65G 17/066 (2013.01); B65G 15/24 (2013.01); **B65G 17/30** (2013.01); **B65G 21/18** (2013.01); *B65G 2207/24* (2013.01)

US 9,409,715 B2 (10) **Patent No.:**

(45) Date of Patent:

Aug. 9, 2016

Field of Classification Search

CPC B65G 21/18; B65G 2207/24 See application file for complete search history.

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(57)**ABSTRACT**

A conveyor comprises two helical conveying tracks and a bridging track which connects the two helical conveying tracks to each other such that products can be transported upwardly via one helical conveying track, then via the bridging track to the other helical conveying track and subsequently downwardly via the other helical conveying track. The conveyor is provided with a driveable endless conveyor belt which follows at least one of the helical conveying tracks, at least a part of the bridging track and a return track. The return track at the one helical conveying track has a vertically oriented portion and a horizontally oriented portion. The horizontally oriented portion is disposed below the bridging track and extends beyond the vertically oriented portion with respect to the center line of the one helical conveying track.

18 Claims, 4 Drawing Sheets

